

(19)



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11)

**EP 1 263 254 A3**

(12)

**EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
29.01.2003 Bulletin 2003/05

(51) Int Cl.<sup>7</sup>: **H04Q 7/38**

(43) Date of publication A2:  
04.12.2002 Bulletin 2002/49

(21) Application number: **02011988.9**(22) Date of filing: **29.05.2002**

(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU**  
**MC NL PT SE TR**  
Designated Extension States:  
**AL LT LV MK RO SI**

(72) Inventor: **Kubosawa, Nobuyoshi,**  
**Nec Corporation**  
**Tokyo (JP)**

(30) Priority: **01.06.2001 JP 2001166788**

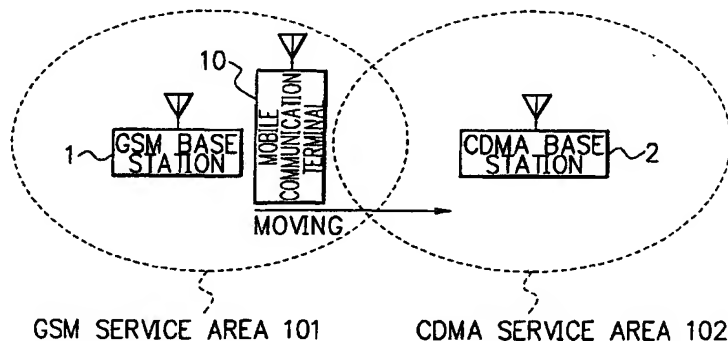
(74) Representative: **Betten & Resch**  
**Patentanwälte,**  
**Theatinerstrasse 8**  
**80333 München (DE)**

(71) Applicant: **NEC CORPORATION**  
**Tokyo (JP)**

(54) **Mobile communication terminal**

(57) A mobile communication terminal, in which a user of the mobile communication terminal can designate handover among plural communication systems, is provided. The mobile communication terminal provides radio sections for different communication systems, which establish, connect, and disconnect radio lines, and measure communication quality at the communication systems, a controller, which controls each of the radio sections so that each of the radio sections establishes, connects, and disconnects a radio line, and measures the communication quality at each of the communication systems, and also controls handover

operation among the communication systems by changing the operation of the radio sections, and an operating section which exchanges information with a user of the mobile communication terminal. In case that handover to a communication system with which the communication started, handover to a desiring communication system, or handover to a communication system being different from the currently using communication system, is designated via the operating section, before starting the communication or during the communication, the controller controls so that the designated handover is executed.

**F I G. 3****EP 1 263 254 A3**



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 02 01 1988

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (InCL.7)
X	WO 96 12377 A (WESTINGHOUSE ELECTRIC CORP) 25 April 1996 (1996-04-25) * page 4, line 8-33 * * page 5, line 3-13 * * page 16, line 1-30 * * page 19, line 4-6 * * page 28, line 7-13 * ---	1-4,6	H04Q7/38
X	WO 95 23485 A (LONGGINOU LUCAS ;VOXSON INTERNATIONAL PTY LTD (AU)) 31 August 1995 (1995-08-31) * page 1, line 16 - page 2, line 9 * * page 7, line 18 - page 8, line 13 * * page 9, line 21-26 * * page 13, line 14 - page 15, line 14 * ---	1,5	
X	WO 01 06803 A (MITSUBISHI ELECTRIC CORP) 25 January 2001 (2001-01-25) & EP 1 115 261 A (MITSUBISHI ELECTRIC CORP) 11 July 2001 (2001-07-11) * column 1, line 5-9 * * column 2, line 56 - column 3, line 44 * * column 4, line 30-58 * ---	1,4,6	<div>TECHNICAL FIELDS SEARCHED (Int.Cl.7)</div> <div>H04Q</div>
A	WO 01 22764 A (NOKIA NETWORKS OY ;NOKIA INC (US)) 29 March 2001 (2001-03-29) * the whole document * -----	1-6	
The present search report has been drawn up for all claims			
Place of search <b>MUNICH</b>		Date of completion of the search <b>2 December 2002</b>	Examiner <b>Isopescu, C</b>
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	

EPO FORM 1523 03 02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 02 01 1988

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

02-12-2002

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9612377 A	25-04-1996	US 5732359 A	24-03-1998
		AU 3718395 A	06-05-1996
		WO 9612377 A1	25-04-1996
WO 9523485 A	31-08-1995	AU 1749495 A	11-09-1995
		WO 9523485 A1	31-08-1995
		ZA 9501628 A	10-01-1996
WO 0106803 A	25-01-2001	WO 0106803 A1	25-01-2001
		EP 1115261 A1	11-07-2001
		US 6400962 B1	04-06-2002
WO 0122764 A	29-03-2001	AU 6719700 A	24-04-2001
		BR 0014248 A	21-05-2002
		EP 1214855 A1	19-06-2002
		WO 0122764 A1	29-03-2001

EPC FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82